AGE/SSO/SBR/000086/19-20 dt. 07/02/2020

M. A. R. 57 (Rule 116)
Measurement Book

No. B 188838

1st & Final

Serial No. ....Improvements and Maintainee of Culvert at BHEL main, Colony and
Name of Work ....Surrounding Area.... From Ward 13, Malleshwaram Shakthinagar Sub Div
Name of Contractor of nature of Agency ....Sri. D.V. Kumar, Bangalore....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost - 10.00 Lakh						
	JOB CODE - 013.20 - 000013. P code - 1771						
	Technical Sanction - EE/DD/TS/66/18-19 date - 31.01.2019						
	Work order No - EE/DD/WO/420/19.20 - date. 18/10/19						
	Item No (1) Earth work excavation by Manual Means for Roads drains & Similar works in ordinary soil. including excavated surface leveled & sides neatly dressed, lift disposed earth to be leveled neatly after breaking of clods complete @ 000 Specification						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
	2015 A cross -	1	5.00	2.00	1.10	11.00
	Near 2015 A cross (Down)	1	6.90	1.60	1.25	13.80
	2015 cross -	1	6.60	2.00	1.50	19.80
	2015 D cross -	1	5.90	2.00	1.30	15.34
	13 15 cross -	1	5.80	1.90	1.40	15.42
	2nd cross -	1	5.30	2.00	1.30	13.78
	415 main -	1	5.70	1.90	1.30	14.07
						103.21
	Quty Curbed to 103.18 m3					
	Rate. 222.07 m3 -					22913.43

Item No 02 - Providing and Carrying P.C.C. @ Mix 1:3:6 with 20mm @ 220 kgs with Curved 40mm and down size graded granite.

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Measurement Book

No. B 188830

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Metal coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum in foundation Mechanically Mixed placed in foundation and compacted by Vibrator including curing for 14 days, including cost of all materials Labour Hire charges tools & tackles scaffolding and centring complete @ 200 specification.						
	2015 A cross -	1	5.00	2.00	0.15	1.50	
	Near 2015 A cross (Down)	1	6.90	1.60	0.15	1.65	
	2015 cross.	1	6.60	2.00	0.20	2.64	
	2015 D cross	1	5.90	2.00	0.20	2.36	
	13 15 cross	1	5.80	1.90	0.20	2.20	

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ents cost store or other materials supplied ...

unpaid value of work done held in reserve

vance made on th...

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	2nd CWSS –	1	5.30	2.00	0.20	2.12	
	415 main –	1	5.70	1.90	0.15	1.62	
						14.03 m³	
	Rate - 5799.81/ m³						81603.1
Item (8)	Providing and laying plain/ Reinforced cement concrete for						Side
	doctile cast iron/ steel/ CI specials of @ 3001gl/ as						down
	and trenching double Metal coarse aggregates @ 0.69 cum and						
	fine aggregates at 0.43 cum Making Make of well compacted for wall						
	and bottom including centring shuttering cost of materials from of						
	Mallavalli Carry all complete excluding cost of steel as per Workstegrams						
	No 1500, 1400, 1000, Dia cost of materials Labour Heavy complete						
	as per specification. Wall						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 188848

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Raft 2nd Avy –	1	5.00	2.00	0.15	1.50	
	Near 2015 Across (Down)	1	6.90	1.60	0.15	1.65	
	2015 CWSS	1	6.60	2.00	0.15	1.98	
	2015 D CWSS	1	5.90	2.00	0.15	1.77	
	1315 CWSS –	1	5.80	1.90	0.15	1.65	
	2nd WSS –	1	5.30	2.00	0.15	1.59	
	415 Main.	1	5.70	1.90	0.15	1.62	
	Sidewall – 2015 Across	2	5.00	0.25	0.90	2.25	
	Near 2015 Across (Down)	2	6.90	0.18	0.75	1.86	

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	
	2015 cross –	2	6.60	0.25	1.15	3.79	
	2015 D cross –	2	5.90	0.25	1.10	3.24	
	1315 cross –	2	5.80	0.25	1.20	3.48	
	2nd cross –	2	5.30	0.25	0.95	2.52	
	415 main –	2	5.70	0.25	1.00	2.85	
	R.C.C. Slab – 2015 A cross –	1	5.00	1.95	0.30	2.92	
	Near door A cross (Rev) –	1	6.90	0.90	0.20	1.24	
	2015 cross –	1	6.60	2.85	0.30	5.64	
	2015 D cross –	1	5.90	2.40	0.30	4.24	
	1315 cross –	1	5.80	2.80	0.30	4.87	
	2nd cross –	1	5.30	1.20	0.25	1.59	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 488841

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	415 main –	1	5.70	1.75	0.30	2.99	
						55.04	
			Rate · 7562 · 90/kg			–	4,17779.–
	Providing TMT steel reinforcement for R.C.C. work including cutting bending hooking placing in position tying with binding wire and giving to the agency including all necessary lap (lap length and wastage shall not be measured and paid) cost full material Labour from complete as per specification –						

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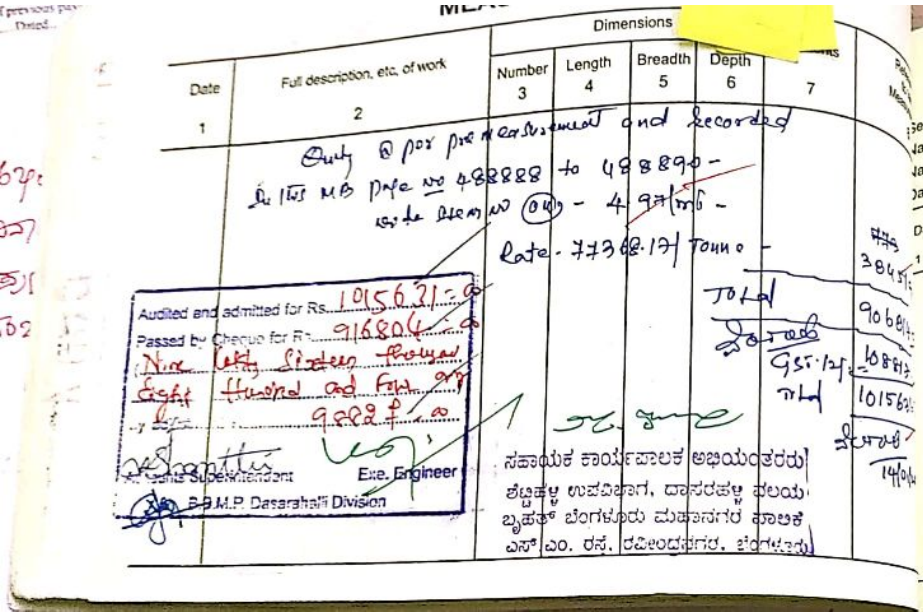


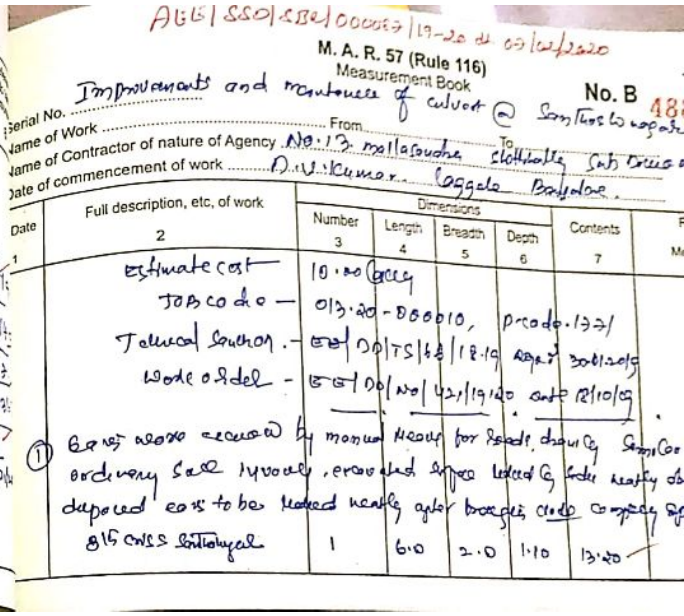
Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents

Qnty @ por measurement and recorded
In this MB page no 488888 to 488890 -
vide item no (04) - 4.97 mt -
Rate - 7736.17/ Tonne -

Audited and admitted for Rs. 101562/-
Passed by Cheque for Rs. 91680/-
Nine Lakh Sixteen thousand Eight hundred and Forty only
91840.00

Asst. Superintendent | Exe. Engineer
B.B.M.P. Dasarahalli Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು



M. A. R. 57 (Rule 116)
Measurement Book
No. B 48

Serial No. ....
Name of Work ..... Improvements and maintenance of culvert @ Sanctioned vide
Name of Contractor or nature of Agency No. 13 Mallasandra Shettihalli Sub Divn
Date of commencement of work .... From ... To ...
D.V. Kumar, Joggala Bangalore.

Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents

Estimate cost — 10.00 Lacs
Job code — 013.20 - 000010, Procode. 1771
Technical Sanction — ಇಇ/DO/TS/68/18-19 dated 30.01.2019
Work ordered — ಇಇ/DO/No/421/19-20 date 12/10/19

(1) Earth work excavation by manual means for roads, drains &c in ordinary soil, masonry, cement concrete, reinforced cement concrete, deposited earth to be leveled neatly after bringing to complete shape

GI Cross Section	1	6.0	2.0	1.10	13.20

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